

Notice of Allowability

Application No.

10/629,565

Examiner

Paul W. Schlie

Applicant(s)

SEO ET AL.

Art Unit

2186

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an examiner initiated 11/28/06 phone interview and resulting amendment dated 12/4/06.
2. ☒ The allowed claim(s) is/are 45-48.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Josh Povsner on 11/28/06; whereby:

Claim 45 is further amended; and

Claim 49 is canceled.

3. The application has been amended as follows:

(per attached document {P24001 00096671.DOC})


Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paul W. Schlie whose telephone number is 571-272-6765. The examiner can normally be reached on Mon-Thu 8:00-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Kim can be reached on 517-272-4182. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


PIERRE BATAILLE
PRIMARY EXAMINER
12/08/06

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	: Min-Ho SEO et al.	Confirmation No. : 6472
Appl. No.	: 10/629,565	Examiner : P.W. Schlie
Filed	: July 30, 2003	Group Art Unit : 2186
For	: MEDIA PROCESSING DEVICE USING AN EXTERNAL STORAGE DEVICE	

**TELEPHONE INTERVIEW SUMMARY AND AUTHORIZATION
FOR EXAMINER'S AMENDMENT**

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

Further to the informal agreement reached in telephone interviews between Applicants' representative, Joshua M. Povsner, and the Examiner on November 28, 2006 and December 4, 2006, authorization is hereby given to amend the claims by Examiner's Amendment in the manner shown below.

Amendments to the Claims begin on page 2 of this paper.
Remarks begin on page 5 of this paper.

IN THE CLAIMS

Upon entry of the present amendment, the status of the claims will be as is shown below. This listing of claims replaces all prior versions and listings of claims in the application:

Claims 1-44 (Cancelled)

45. (Currently Amended) A media processing device, comprising:

a storage device access module that accesses and provides access to an external storage device through a transmission medium comprising a wireless communications medium, and that provides power to the external storage device during an activated mode but does not provide power to the external storage device during an inactivated mode;

an information source that provides an input signal;

a program memory that stores a system program for system control of the media processing device;

a system memory that provides memory space for operation of the media processing device;

a signal processor that decodes media data according to a first signal processing method and encodes the input signal into media data according to a second signal processing method;

a user interface that provides an interface to a user of the media processing device; and

a system controller that controls the storage device access module, the signal processor and the user interface according to the system program;

wherein, the system controller initially accesses the external storage device through the storage device access module, reads file information of at least one media file, constructs contents to be displayed on the user interface based upon the read file information, and sets the access mode of the storage device access module to the inactivated mode;

wherein, when the system controller receives a command to decode at least one media file through the user interface, the system controller sets the access mode of the storage device access module to the activated mode, accesses the external storage device through the storage device access module, searches for the selected media file, reads data of the searched media file, copies the read data to the system memory, provides the copied data to the signal processor so that the provided data are decoded according to the first signal processing method, and sets the access mode of the storage device access module back to the inactivated mode;

wherein, when the system controller receives a command to encode a signal through the user interface, the system controller controls the signal processor to encode the input signal into media data according to the second signal processing method, constructs a media file from the encoded media data, positions the media file on the system memory, waits until the external storage device is accessible when the external storage device is currently inaccessible through the storage device access module, sets the access mode of the storage device access module to the activated mode, copies the constructed media file to the external storage device, and sets the access mode of the storage device access module back to the inactivated mode, and

wherein the storage device access module accesses the external storage medium through the wireless communications transmission medium and is operated in a controller mode.

46. (Previously Presented) The media processing device as set forth in claim 45, wherein the system controller copies another media data from the external storage device to the system memory while causing the copied media data to be decoded according to the first signal processing method by providing the copied media data to the signal processor, a priority of the copying operation being lower than a priority of the decoding operation.

47. (Currently Amended) The media processing device as set forth in claim 45, wherein the transmission medium further comprises a universal serial bus, and wherein the storage device access module accesses the external storage medium through the universal serial bus and is operated in a host mode.

48. (Currently Amended) The media processing device as set forth in claim 45, wherein the transmission medium further comprises an Institute of Electrical and Electronics Engineers 1394 transmission medium, and

wherein the storage device access module accesses the external storage medium through the Institute of Electrical and Electronics Engineers 1394 transmission medium and is operated in a serial bus protocol 2 initiator mode.

49. (Cancelled)

REMARKS

Authorization is hereby provided for an Examiner's Amendment as shown herein. Upon entry of the Examiner's Amendment, claim 49 will have been cancelled without prejudice to or disclaimer of the subject matter recited therein. Claim 45 will have been amended to include substantially all of the features previously recited in cancelled claim 49. Claims 47 and 48 will have been amended to ensure consistency in the recitations of the various claims.

The herein contained cancellation of claim 49 and amendment to claim 45 and 47-48 should not be considered an indication of Applicants' acquiescence as to the propriety of any potential rejection of or objection to these claims. Rather, claims 45 and 47-48 are being amended and claim 49 is being cancelled in order to advance prosecution and obtain early allowance of claims in the present application.

Should there be any questions, any representative of the U.S. Patent and Trademark Office is invited to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,
Min-Ho SEO et al.

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December 4, 2006
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